

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 4, 2004, 06:01:54 ; Search time 36.1446 Seconds
 (without alignments) ; 307.073 Million cell updates/sec

Title: US-09-940-860-1
 Perfect score: 1
 Sequence: 1. gcatacggatgtatcc 20

Scoring table: OLIGO_NUC
 Gapop 60.0 , Gapext 60.0

Searched: 682709 seqs, 277475446 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0
 Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Issued Patents Nt.:
 1: /cgns2_6/podata/2/ina/5a_COMB.seq/*
 2: /cgns2_6/podata/2/ina/5b_COMB.seq/*
 3: /cgns2_6/podata/2/ina/5a_COMB.seq/*
 4: /cgns2_6/podata/2/ina/5b_COMB.seq/*
 5: /cgns2_6/podata/2/ina/5ctctus_COMB.seq/*
 6: /cgns2_6/podata/2/ina/backFiles1.seq/*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match Length | DB ID | Description |
|------------|-------|--------------------|-------------------|----------------------|
| 1 | 20 | 100.0 | 24 | 3 US-09-073-465-9 |
| 2 | 20 | 195 | 1 US-08-227-475-7 | |
| 3 | 20 | 100.0 | 279 | 4 US-09-1075320-3170 |
| 4 | 20 | 100.0 | 538 | 3 US-08-95863 |
| 5 | 20 | 100.0 | 538 | 4 US-09-577640-3 |
| 6 | 20 | 100.0 | 571 | 3 US-09-328111-755 |
| 7 | 20 | 100.0 | 619 | 3 US-09-953-171-2 |
| 8 | 20 | 100.0 | 624 | 3 US-09-328111-728 |
| 9 | 20 | 100.0 | 660 | 1 US-08-1146950-5 |
| 10 | 20 | 100.0 | 665 | 3 US-09-328111-476 |
| 11 | 20 | 100.0 | 672 | 3 US-09-328111-450 |
| 12 | 20 | 100.0 | 851 | 1 US-07-898-905-1 |
| 13 | 20 | 100.0 | 851 | 1 US-07-898-905-2 |
| 14 | 20 | 100.0 | 851 | 1 US-07-898-905-3 |
| 15 | 20 | 100.0 | 851 | 1 US-09-006-089-1 |
| 16 | 20 | 100.0 | 851 | 3 US-09-006-089-2 |
| 17 | 20 | 100.0 | 851 | 3 US-09-006-089-3 |
| 18 | 20 | 100.0 | 876 | 2 US-08-642-2290-4 |
| 19 | 20 | 100.0 | 881 | 5 PCT-US91-01570-13 |
| 20 | 20 | 100.0 | 882 | 2 US-07-923-871-13 |
| 21 | 20 | 100.0 | 1208 | 3 US-09-187-946-1 |
| 22 | 20 | 100.0 | 1325 | 2 US-08-652-470-50 |
| 23 | 20 | 100.0 | 1336 | 2 US-09-437-013-3 |
| 24 | 20 | 100.0 | 1336 | 4 US-09-275-506-3 |
| 25 | 20 | 100.0 | 1366 | 3 US-09-191-099-4 |
| 26 | 20 | 100.0 | 1385 | 4 US-09-735-567-1 |
| 27 | 20 | 100.0 | | |

ALIGNMENTS

RESULT 1
 US-09-073-465-9
 ; Sequence 9, Application US/09073465
 ; GENERAL INFORMATION:
 ; APPLICANT: DODGE, Deborah E
 ; APPLICANT: SMITH, Doug
 ; TITLE OF INVENTION: RIBOSOMAL RNA GENE POLYMORPHISM BASED MICROORGANISM
 ; FILE REFERENCE: 4343 US
 ; CURRENT APPLICATION NUMBER: US/09/073,465
 ; CURRENT FILING DATE: 1998-05-05
 ; NUMBER OF SEQ ID NOS: 17
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 9
 ; LENGTH: 24
 ; TYPE: DNA
 ; ORGANISM: Unknown Organism
 ; FEATURE: ; OTHER INFORMATION: Description of unknown Organism: Bacterial
 ; OTHER INFORMATION: Description of unknown Organism: Bacterial

US-09-073-465-9

Query Match 100.0%; Score 20; DB 3; Length 24;
 Best Local Similarity 100.0%; Pred. No. 0.016; Mismatches 0; Indels 0; Gaps 0;

Matches 20; Conservative 0; Sensitive 0; Score 20; DB 3; Length 24;

Query 1 GCAACAGCAGTATGATACC 20
 Db 2 GCAACAGCAGTATGATACC 21

RESULT 2
 US-08-227-475-7/c
 ; Sequence 7, Application US/08227475
 ; GENERAL INFORMATION:
 ; APPLICANT: Weinstein, I. Bernard
 ; APPLICANT: Weinstein, I. Bernard
 ; TITLE OF INVENTION: DNA Oligomers For Use In Detection Of Such DNA
 ; TITLE OF INVENTION: Microorganisms And Methods Of Using Such DNA
 ; NUMBER OF SEQUENCES: 8
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: COOPER & DUNHAM
 ; STREET: 30 Rockefeller Plaza
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 10112
 ; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.24
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/227,475
 FILING DATE: 18-MAR-1991
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/672,691
 FILING DATE: 18-MAR-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: White, John P.
 REGISTRATION NUMBER: 28,678
 REFERENCE/DOCKET NUMBER: 34546-A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 977-9550
 TELEFAX: (212) 664-0525
 TELEX: (212) 42253 COOP UI
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 195 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: N
 ANTI-SENSE: N
 US-08-227-475-7

Query Match 100.0%; Score 20; DB 1; Length 195;
 Best Local Similarity 100.0%; Pred. No. 0.014; 0, Mismatches 0; Indels 0; Gap 0;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gap 0;

Oy 1 GCAAGACGATTGATACCC 20
 ||||| ||||| ||||| |||||
 Db 128 GCAAGACGATTGATACCC 109

RESULT 3
 US-09-107-532A-3170/C
 Sequence 3170, Application US/09107532A
 ; Patent No. 6583275
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynn A Doucette-Stamm and David Bush
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
 ; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
 ; NUMBER OF SEQUENCES: 7310
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 ; STREET: 100 Beaver Street
 ; CITY: Waltham
 ; STATE: Massachusetts
 ; COUNTRY: USA
 ; ZIP: 02454
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: CD-ROM ISO9660
 ; COMPUTER: PC
 ; OPERATING SYSTEM: <Unknown>
 ; SOFTWARE: ASCII
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/107,532A
 ; FILING DATE: 30-Jun-1998
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 60/085,598
 ; FILING DATE: 14 May 1998
 ; APPLICATION NUMBER: 60/051,571
 ; FILING DATE: July 2, 1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Arinello, Pamela Dencke
 ; REGISTRATION NUMBER: 40,419
 ; REFERENCE/DOCKET NUMBER: GTC-012
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (781)893-5007
 ; TELEFAX: (781)893-8277
 ; INFORMATION FOR SEQ ID NO: 3171:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 279 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double
 ; TOPOLOGY: circular
 ; MOLECULE TYPE: DNA (genomic)
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; ORIGINAL SOURCE:
 ; ORGANISM: Enterococcus faecium
 ; FRAGMENT:
 ; NAME/KEY: misc feature
 ; LOCATION: (B) LOCATION 1.. 279
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 3170:
 ; Oy 1 GCAAGACGATTGATACCC 20
 ; Db 134 GCAAGACGATTGATACCC 115

RESULT 4
 US-09-107-532A-3171/C
 Sequence 3171, Application US/09107532A
 ; Patent No. 6583275
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynn A Doucette-Stamm and David Bush
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
 ; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
 ; NUMBER OF SEQUENCES: 7310
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
 ; STREET: 100 Beaver Street
 ; CITY: Waltham
 ; STATE: Massachusetts
 ; COUNTRY: USA
 ; ZIP: 02454
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: CD-ROM ISO9660
 ; COMPUTER: PC
 ; OPERATING SYSTEM: <Unknown>
 ; SOFTWARE: ASCII
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/107,532A
 ; FILING DATE: 30-Jun-1998
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 60/085,598
 ; FILING DATE: 14 May 1998
 ; APPLICATION NUMBER: 60/051,571
 ; FILING DATE: July 2, 1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Arinello, Pamela Dencke
 ; REGISTRATION NUMBER: 40,419
 ; REFERENCE/DOCKET NUMBER: GTC-012
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (781)893-5007
 ; TELEFAX: (781)893-8277
 ; INFORMATION FOR SEQ ID NO: 3171:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 279 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double
 ; TOPOLOGY: circular
 ; MOLECULE TYPE: DNA (genomic)
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO